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Title: **JP04089340A2: CEMENT COMPOSITION TO BE EXTRUSION-MOLDED**

Derwent Title: Cement compsn. for extrusion forming - contains cement, reinforcing fibres, fibrous water retainer and thickener for floor and wall materials [Derwent Record]

Country: JP Japan

Kind: A

Inventor: SAKOTA HIROMI;
NINOMIYA TAKASHI;
KUSANO KUNIO;Assignee: SEKISUI CHEM CO LTD
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Published / Filed: 1992-03-23 / 1990-07-31

Application Number: JP1990000204416

IPC Code: C04B 28/04; B28B 3/20; C04B 14/04; C04B 14/16; C04B 14/38;
C04B 16/06; C04B 16/08; C04B 18/08; C04B 18/24;
C04B 22/06; C04B 24/38;

Priority Number: 1990-07-31 JP1990000204416

Abstract: PURPOSE: To obtain a lightweight and high-strength hardened body in a short curing time by incorporating specified amounts of aluminum hydroxide and an elastic lightweight aggregate into the composition consisting essentially of cement, reinforcing fibers and a fibrous water holding agent.

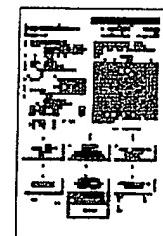
CONSTITUTION: The composition contains 100 pts.wt. of cement, 0.5-50 pts.wt. of aluminum hydroxide, 0.1-20 pts.wt. of an elastic lightweight aggregate having <5mm grain diameter and 0-100 pts.wt. of an inorg. lightweight aggregate. Since the elastic aggregate is used for the composition, the breakage of the inorg. aggregate ordinarily jointly used is prevented in an extruder, and hence a lightweight and high-strength formed hardened body is obtained. Further, a natural rugged pattern appears on the surface by the spring back of the elastic aggregate, and the curing time is reduced because the composition contains aluminum hydroxide.

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Family: None

Forward References: [Go to Result Set: Forward references \(1\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
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	US6572697	2003-06-03	Gleeson; James A.	James Hardie Research Pty Limited	Fiber cement building materials with low density additives
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Info:



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